



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Complete if Known

Application Number	10/736,691
Filing Date	December 17, 2003
First Named Inventor	Simon Roy Martin
Art Unit	1722
Examiner Name	Not Yet Assigned
Attorney Docket Number	213201-00189

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,604,932	08-12-2003	Ciccone	
		US- 5,833,912	11-10-1998	Schweigert et al.	
		US- 5,736,173	04-07-1998	Wright et al.	
		US- 5,762,970	06-09-1998	Takashima et al.	
		US- 5,647,930	07-15-1997	Bright	
		US- 4,615,667	10-07-1986	Roy	
		US- 4,603,831	08-05-1986	Krishnakumar et al.	
		US- 4,575,331	03-11-1986	Dundas et al.	
		US- 4,201,535	05-06-1980	Ninneman	
		US- 4,125,246	11-14-1978	von Holdt	
		US- 4,025,022	05-24-1977	Theysohn et al.	
		US- 3,269,617	08-30-1966	IMRE GOTH	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		FR 2 488 547	02-19-1982	Yoshida Kogyo Co. LTD.		
		EP 0 089 047 A1	09021-1983	Dennis L. Dunas et al.		

Examiner
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Sheet	2	of	2	Attorney Docket Number	213201-00189

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JA		ZYGO DRAWINGS (11 sheets)	
JA		R. G. W. PYE, Injection Mould Design, 1983, pages 104 - 107, Longman Scientific & Technical, copublished in the U.S. with John Wiley & Sons, in association with The Plastics and Rubber Institute	

Examiner Signature	<i>JA</i>	Date Considered	3/4/06
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		Number-Kind Code ² (if known)			
JA		US- 2004/0145082 A1	07-29-2004	Miller et al.	
		US- 6,413,075 B1	07-02-2002	Koch et al.	
		US- 6,220,850 B1	04-24-2001	Catoen et al.	
		US- 6,176,700	01-23-2001	Gellert	
		US- 5,137,442	08-11-1992	Starkey	
		US- 4,648,834	03-10-1987	Von Holdt	
		US- 4,632,357	12-30-1986	Von Holdt	
		US- 4,521,177	06-04-1985	Blank et al.	
		US- 4,179,254	12-18-1979	Brown	
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